

FILE 'HCAPLUS' ENTERED AT 15:46:51 ON 13 JUN 2007

L1 3316 S (RNA OR (RIBONUCLEIC(W)ACID)) (3A) (PURIFICATION OR ISOLATION)
L2 190397 S (SODIUM OR POTASSIUM OR LITHIUM) (W)CHLORIDE
L3 173 S COSMOTROP? OR KOSMOTROP?
L4 138599 S DETERGENT OR TWEEN OR TRITON OR TERGITOL OR NONIODET
L5 594 S (SOLID(W)SUPPORT) AND (POLYESTER OR CELLULOSE OR NITROCELLULO

FILE 'HCAPLUS' ENTERED AT 15:48:03 ON 13 JUN 2007

L6 94 S L1 AND (L2 OR L3)
L7 0 S L6 AND L5
L8 0 S L7 AND L4
L9 0 S L8 AND (PY<2002 OR AY<2002 OR PRY<2002)

FILE 'HCAPLUS' ENTERED AT 15:48:52 ON 13 JUN 2007

L10 3 S L6 AND (SOLID(W)SUPPORT)
L11 1 S L10 AND L4
L12 1 S L11 AND (PY<2002 OR AY<2002 OR PRY<2002)

FILE 'STNGUIDE' ENTERED AT 15:49:08 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 15:49:18 ON 13 JUN 2007

FILE 'STNGUIDE' ENTERED AT 15:49:18 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 17:06:09 ON 13 JUN 2007

L13 269518 S POLYESTER
L14 8822 S SOLID(W)SUPPORT
L15 43 S L13 AND L14
L16 34 S L15 AND (PY<2002 OR AY<2002 OR PRY<2002)

=> file hcaplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.05	1.05

FULL ESTIMATED COST

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FILE COVERS 1907 - 13 Jun 2007 VOL 146 ISS 25
FILE LAST UPDATED: 12 Jun 2007 (20070612/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s (RNA or (ribonucleic(w)acid)) (3a) (purification or isolation)

329136 RNA
195269 RIBONUCLEIC
4385112 ACID
338386 PURIFICATION
262155 ISOLATION

L1 3316 (RNA OR (RIBONUCLEIC(W)ACID)) (3A) (PURIFICATION OR ISOLATION)

=> s (sodium or potassium or lithium) (w)chloride

1121239 SODIUM
636793 POTASSIUM
325273 LITHIUM
1146321 CHLORIDE

L2 190397 (SODIUM OR POTASSIUM OR LITHIUM) (W)CHLORIDE

=> s cosmotrop? or kosmotrop?

15 COSMOTROP?
158 KOSMOTROP?

L3 173 COSMOTROP? OR KOSMOTROP?

=> s detergent or tween or triton or tergitol or noniodet

81621 DETERGENT
21410 TWEEN
43216 TRITON
1622 TERGITOL
3 NONIODET

L4 138599 DETERGENT OR TWEEN OR TRITON OR TERGITOL OR NONIODET

=> s (solid(w)support) and (polyester or cellulose or nitrocellulose or nylon or polyolefin or polyethersulfone or polyvinylidene)

1080180 SOLID
 487501 SUPPORT
 8822 SOLID(W) SUPPORT
 269518 POLYESTER
 354151 CELLULOSE
 28232 NITROCELLULOSE
 82549 NYLON
 73361 POLYOLEFIN
 2191 POLYETHERSULFONE
 127 POLYVINYLIDINE
 L5 594 (SOLID(W)SUPPORT) AND (POLYESTER OR CELLULOSE OR NITROCELLULOSE
 OR NYLON OR POLYOLEFIN OR POLYETHERSULFONE OR POLYVINYLIDINE)

=> file stngide

'STNGIDE' IS NOT A VALID FILE NAME
 SESSION CONTINUES IN FILE 'HCAPLUS'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.20	6.25

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l1 and (l2 or l3)

L6 94 L1 AND (L2 OR L3)

=> s l6 and l5

L7 0 L6 AND L5

=> s l7 and l4

L8 0 L7 AND L4

=> s l8 and (PY<2002 or AY<2002 or PRY<2002)

21897377 PY<2002
4174519 AY<2002
3645878 PRY<2002
L9 0 L8 AND (PY<2002 OR AY<2002 OR PRY<2002)

=> file stngide

'STNGIDE' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'HCAPLUS'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.60	8.85

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FILE LAST UPDATED: 12 Jun 2007 (20070612/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l6 and (solid(w)support)

1080180 SOLID
487501 SUPPORT
8822 SOLID(W) SUPPORT
L10 3 L6 AND (SOLID(W) SUPPORT)

=> s l10 and l4

L11 1 L10 AND L4

=> s l11 and (PY<2002 or AY<2002 or PRY<2002)

21897377 PY<2002
4174519 AY<2002
3645878 PRY<2002
L12 1 L11 AND (PY<2002 OR AY<2002 OR PRY<2002)

=> file stngide

'STNGIDE' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'HCAPLUS'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

```
=> file stnguide
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                2.60        11.45
```

FILE 'STNGUIDE' ENTERED AT 15:49:08 ON 13 JUN 2007
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 8, 2007 (20070608/UP).

=> d l10 1-3 ti abs bib
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L10 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Locked nucleic acid capture probes for isolation of homopolymeric
nucleotide sequences and use in diagnosis of viral infections in humans
AB This invention presents methods and use of locked nucleic acid capture
probes for isolation of homopolymeric nucleotide sequences and use in
diagnosis of viral infections in humans. A method for isolating nucleic
acid mols. having a repeating nucleotide sequence or a homopolymeric
nucleotide sequence, e.g. a poly A stretch, is described. In particular,
the method uses oligomeric capture probes spiked with various amts. of
locked nucleic acid (LNA). The invention further describes methods for
the isolation of RNA mols., for example polyadenylated
mRNA mols., which overcome the problems of rapid RNA degradation
during isolation and anal. of such nucleic acid mols. This is
of major clin. and diagnostic importance, especially when dealing with RNA
viruses, such as retroviruses or when analyzing rare or low-abundant mRNAs
or mRNAs from biopsies or tissues enriched with RNases.

AN 2004:203927 HCAPLUS <<LOGINID::20070613>>

DN 140:265567

TI Locked nucleic acid capture probes for isolation of homopolymeric
nucleotide sequences and use in diagnosis of viral infections in humans

IN Kauppinen, Sakari; Jacobsen, Nana

PA Exiqon A/S, Den.

SO PCT Int. Appl., 104 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2004020575	A2	20040311	WO 2003-IB6354	20030620
	WO 2004020575	A3	20041223		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,			

BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
AU 2003288474 A1 20040319 AU 2003-288474 20030620
US 2005053942 A1 20050310 US 2003-601140 20030620
EP 1527175 A2 20050504 EP 2003-780549 20030620
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRAI US 2002-390928P P 20020624
WO 2003-IB6354 W 20030620

L10 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Methods and kits for isolating nucleic acids from leukocytes by binding to antibodies on a solid support

AB The present invention relates to a method of isolating nucleic acid from a blood sample. The method involves selectively isolating leukocytes from said sample by binding said leukocytes to a solid support containing a binding partner specific for the leukocyte, for example an antibody. The antibody can bind an antigen selected from one of more of the following: HLA-I, CD11a, CD18, CD45, CD46, CD50, CD82, CD162, CD5 and CD15 and a specific example shows a combination of CD45 and CD15. The said leukocytes are lysed in detergents to release nucleic acids which are subsequently bound to a second solid support which is neg. charged. Kits for isolating nucleic acid from samples form further embodiments of the invention.

AN 2001:904506 HCAPLUS <<LOGINID::20070613>>

DN 136:15912

TI Methods and kits for isolating nucleic acids from leukocytes by binding to antibodies on a solid support

IN Bergholtz, Stine; Korsnes, Lars; Andreassen, Jack

PA Dynal Biotech Asa, Norway; Jones, Elizabeth Louise

SO PCT Int. Appl., 51 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001094572	A1	20011213	WO 2001-GB2472	20010605
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2410888	A1	20011213	CA 2001-2410888	20010605
	EP 1290155	A1	20030312	EP 2001-934205	20010605
	EP 1290155	B1	20060809		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	AT 335815	T	20060915	AT 2001-934205	20010605
	US 2003180754	A1	20030925	US 2003-297301	20030430
PRAI	GB 2000-13658	A	20000605		
	WO 2001-GB2472	W	20010605		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Methods and compositions for isolating nucleic acids

AB Compsns. and methods are disclosed for isolating nucleic acids from biol. tissues and cells (including tumor cells) and for tissue/cell solubilization for other mol. biol. uses, wherein the compsns. comprise, in part, novel combinations of chaotropic agents and aromatic alcs. which act

synergistically to effect better tissue/protein solubilization. The inventive compns. further include aprotic solvents for deactivation of RNases and denaturization of proteins, as well as detergents for enhancing cell lysis and nucleoprotein dissociation. The inventive methods also comprise the use of a centrifuge, a solid-support matrix, and a microporous membrane for final isolation of the precipitated nucleic acids, resulting in high yield and purity of the precipitated nucleic acid.

AN 1997:400479 HCAPLUS <<LOGINID::20070613>>
 DN 127:78238
 TI Methods and compositions for isolating nucleic acids
 IN Wiggins, James C.
 PA USA
 SO U.S., 15 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5637687	A	19970610	US 1993-115184	19930831
PRAI	US 1993-115184		19930831		

=> d his

(FILE 'HOME' ENTERED AT 15:43:41 ON 13 JUN 2007)

FILE 'HCAPLUS' ENTERED AT 15:46:51 ON 13 JUN 2007

L1 3316 S (RNA OR (RIBONUCLEIC(W)ACID)) (3A) (PURIFICATION OR ISOLATION)
 L2 190397 S (SODIUM OR POTASSIUM OR LITHIUM) (W)CHLORIDE
 L3 173 S COSMOTROP? OR KOSMOTROP?
 L4 138599 S DETERGENT OR TWEEN OR TRITON OR TERGITOL OR NONIODET
 L5 594 S (SOLID(W)SUPPORT) AND (POLYESTER OR CELLULOSE OR NITROCELLULO

FILE 'HCAPLUS' ENTERED AT 15:48:03 ON 13 JUN 2007

L6 94 S L1 AND (L2 OR L3)
 L7 0 S L6 AND L5
 L8 0 S L7 AND L4
 L9 0 S L8 AND (PY<2002 OR AY<2002 OR PRY<2002)

FILE 'HCAPLUS' ENTERED AT 15:48:52 ON 13 JUN 2007

L10 3 S L6 AND (SOLID(W)SUPPORT)
 L11 1 S L10 AND L4
 L12 1 S L11 AND (PY<2002 OR AY<2002 OR PRY<2002)

FILE 'STNGUIDE' ENTERED AT 15:49:08 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 15:49:18 ON 13 JUN 2007

FILE 'STNGUIDE' ENTERED AT 15:49:18 ON 13 JUN 2007

=> log hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.06	22.66
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

SESSION WILL BE HELD FOR 120 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 15:49:42 ON 13 JUN 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAEXO1623

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'STNGUIDE' AT 17:05:10 ON 13 JUN 2007
FILE 'STNGUIDE' ENTERED AT 17:05:10 ON 13 JUN 2007
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	22.66
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.18	22.78
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

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FILE COVERS 1907 - 13 Jun 2007 VOL 146 ISS 25
FILE LAST UPDATED: 12 Jun 2007 (20070612/ED)

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=> s polyester

L13 269518 POLYESTER

=> s solid(w) support

1080180 SOLID
487501 SUPPORT
L14 8822 SOLID(W) SUPPORT

=> s L13 and L14

L15 43 L13 AND L14

=> s L15 and (PY<2002 or AY<2002 or PRY<2002)

21897377 PY<2002

4174519 AY<2002

3645878 PRY<2002

L16 34 L15 AND (PY<2002 OR AY<2002 OR PRY<2002)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.60	25.38
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

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=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.06	25.44
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

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New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l16 and ((nucleic(w)acid) or RNA or DNA)

198782 NUCLEIC
4385112 ACID

<-----User Break----->

SEARCH ENDED BY USER

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	7.80	33.24
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

FILE 'STNGUIDE' ENTERED AT 17:08:28 ON 13 JUN 2007
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 8, 2007 (20070608/UP).

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.06	33.30
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

FILE 'HCAPLUS' ENTERED AT 17:08:30 ON 13 JUN 2007
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FILE LAST UPDATED: 12 Jun 2007 (20070612/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 116 and ((nucleic(w)acid) or RNA or DNA)

198782 NUCLEIC .

<-----User Break----->

SEARCH ENDED BY USER

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.60	35.90
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

FILE 'STNGUIDE' ENTERED AT 17:08:40 ON 13 JUN 2007
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FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Jun 8, 2007 (20070608/UP).

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.06	35.96
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

FILE 'HCAPLUS' ENTERED AT 17:08:49 ON 13 JUN 2007
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New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l16 and (nucleic or RNA or DNA)

198782 NUCLEIC
 329136 RNA
 834191 DNA

L17 5 L16 AND (NUCLEIC OR RNA OR DNA)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.60	38.56
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION

CA SUBSCRIBER PRICE

0.00

-2.34

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=> d l7 1-5 ti

L7 HAS NO ANSWERS

L1 3316 SEA FILE=HCAPLUS (RNA OR (RIBONUCLEIC(W)ACID)) (3A) (PURIFICATION
OR ISOLATION)
L2 190397 SEA FILE=HCAPLUS (SODIUM OR POTASSIUM OR LITHIUM) (W)CHLORIDE
L3 173 SEA FILE=HCAPLUS COSMOTROP? OR KOSMOTROP?
L5 594 SEA FILE=HCAPLUS (SOLID(W)SUPPORT) AND (POLYESTER OR CELLULOSE
OR NITROCELLULOSE OR NYLON OR POLYOLEFIN OR POLYETHERSULFONE
OR POLYVINYLDINE)
L6 94 SEA FILE=HCAPLUS L1 AND (L2 OR L3)
L7 0 SEA FILE=HCAPLUS L6 AND L5

=> y

Y IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l17 1-5 ti

YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L17 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
TI High-density cell microarrays for parallel functional determinations

L17 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Methods, reagents and kits for isolating RNA from environmental
or biological samples

L17 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
TI An α -proteobacterium converts linear alkylbenzenesulfonate
surfactants into sulfophenylcarboxylates and linear
alkyldiphenyletherdisulfonate surfactants into
sulfodiphenylethercarboxylates

L17 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Application of membrane-based dendrimer/DNA complexes for solid
phase transfection in vitro and in vivo

L17 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Multistep isolation processes of DNA from biological samples for
further characterization

=> d l17 1-5 ti abs bib

YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L17 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
TI High-density cell microarrays for parallel functional determinations
AB Disclosed are methods for generating high-d. cell microarrays. The
methods generally involve forming nanocraters on a permeable membrane

surface and inoculating the nanocraters with cells, proteins, or other mols. Specifically, the generation of nanocraters, a pit, depression, or indentation in a membrane material or other deformable solid support with a volume that is on the scale of nano-liters or pico-liters, in particular, ranging in size from about 100 pico-liters to 1.5 nano-liters on permeable membranes, allows for the creation of high-d. cell microarrays. The high-d. microarrays of the invention are useful for large-scale, high throughput phenotypic detns. of gene activities.

AN 2003:417944 HCAPLUS <<LOGINID::20070613>>

DN 138:397227

TI High-density cell microarrays for parallel functional determinations

IN Xu, C. Wilson

PA Sloan-Kettering Institute for Cancer Research, USA

SO PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003044484	A2	20030530	WO 2002-US36979	20021115 <--
	WO 2003044484	A3	20030821		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2002352778	A1	20030610	AU 2002-352778	20021115 <--
	US 2005014155	A1	20050120	US 2004-495521	20040513 <--
PRAI	US 2001-331502P	P	20011116 <--		
	WO 2002-US36979	W	20021115		

L17 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Methods, reagents and kits for isolating RNA from environmental or biological samples

AB Reagents, methods and kits for the purification of RNA from biol. or environmental samples are provided. The method comprises mixing said material with an RNA binding solution buffered at a pH of greater than 7 wherein the RNA binding solution comprises an RNA complexing salt from strong chaotropic agents. RNA is bound to non-silica solid support selected from cellulose, cellulose acetate, nitrocellulose, nylon, polyester, polyethersulfone, polyolefin, or polyvinylidene fluoride. The non-silica solid support is contained in a vessel such as centrifuge tubes, spin tubes, syringes, cartridges, chambers, multiple well plates and test tubes.

AN 2003:300642 HCAPLUS <<LOGINID::20070613>>

DN 138:317132

TI Methods, reagents and kits for isolating RNA from environmental or biological samples

IN Heath, Ellen M.; Wages, John M.

PA USA

SO U.S. Pat. Appl. Publ., 14 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
--	------------	------	------	-----------------	------

PI	US 2003073830	A1	20030417	US 2001-974798	20011012 <--
	CA 2463317	A1	20030424	CA 2001-2463317	20011012 <--
	WO 2003033739	A1	20030424	WO 2001-US32073	20011012 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002211719	A1	20030428	AU 2002-211719	20011012 <--
	EP 1438426	A1	20040721	EP 2001-979794	20011012 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2005505305	T	20050224	JP 2003-536461	20011012 <--
	US 2004019196	A1	20040129	US 2003-418194	20030416 <--
	US 7148343	B2	20061212		
	US 2005032105	A1	20050210	US 2004-909724	20040802 <--
	US 2007043216	A1	20070222	US 2006-589364	20061030 <--
PRAI	US 2001-974798	A	20011012	<--	
	WO 2001-US32073	W	20011012	<--	
	US 2003-418194	A2	20030416		

L17 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

TI An α -proteobacterium converts linear alkylbenzenesulfonate surfactants into sulfophenylcarboxylates and linear alkylldiphenyletherdisulfonate surfactants into sulfodiphenylethercarboxylates

AB The surfactant linear alkylbenzenesulfonate (LAS; 0.5 mM) or linear monoalkylldiphenyletherdisulfonate (LADPEDS; 0.5 mM) in salts medium was easily degraded in laboratory trickling filters, whereas carbon-limited, aerobic

enrichment cultures in suspended culture with the same inocula did not grow. When portions of the trickling filters which degraded LADPEDS were taken, the organisms were shook from the solid support (polyester), it was found that growth in suspended culture in LADPEDS-salts medium occurred only in the presence of some solid support (polyester fleece or glass wool), though little biomass was immobilized on the support. The end products in suspended culture were identical with those from the trickling filters. There was low plating efficiency of LADPEDS-grown cultures on complex medium, and no picked colony or mixture of colonies grew in LADPEDS-salts-glass wool medium. However, selective plates containing LADPEDS-salts medium solidified with agarose yielded LADPEDS-dependent, pinpoint colonies which could be picked singly and subcultured in selective liquid medium. Isolate DS-1 was a bacterium which showed 93% sequence homol. (16S ribosomal DNA) to its nearest phylogenetic neighbor, an α -proteobacterium. Strain DS-1 grew heterotrophically in LADPEDS-salts-glass wool medium and converted the set of aryl-substituted alkanes to the corresponding aryl-substituted carboxylic acids of shorter chain length. Similarly, strain DS-1 grew heterotrophically with com. LAS, converting it to a set of sulfophenylcarboxylates. Growth with a single isomer of LAS [3-(4-sulfophenyl)dodecane] was concomitant with excretion of 4-(4-sulfophenyl)hexanoate, which was identified by matrix-assisted laser desorption ionization mass spectrometry. The growth yield (6.4 g of protein/mol of C) indicated mass balance, which, with the specific growth rate (0.05 h⁻¹), indicated a specific utilization rate of LAS of 2.2 mkat/kg of protein.

AN 2000:309662 HCAPLUS <<LOGINID::20070613>>

DN 133:86580

TI An α -proteobacterium converts linear alkylbenzenesulfonate

surfactants into sulfophenylcarboxylates and linear
alkyldiphenyletherdisulfonate surfactants into
sulfodiphenylethercarboxylates

AU Schleheck, David; Dong, Wenbo; Denger, Karin; Heinzle, Elmar; Cook,
Alasdair M.

CS Department of Biology, The University, Konstanz, D-78457, Germany

SO Applied and Environmental Microbiology (2000), 66(5), 1911-1916
CODEN: AEMIDF; ISSN: 0099-2240

PB American Society for Microbiology

DT Journal

LA English

RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Application of membrane-based dendrimer/DNA complexes for solid
phase transfection in vitro and in vivo

AB In this study a general description of the use of solid
support membranes as the device for DNA delivery
mediated by PAMAM dendrimers is presented. In contrast to the other
DNA carriers, dendrimer/DNA complexes retain the ability
to transfect after drying, which enabled coating or incorporation of
complexes into poly(DL-lactide-co-glycolide) or collagen-based bioerodible
membranes. These studies provide support for the use of this technol. for
in vitro and in vivo transfection of skin cells. Expression of luciferase
or green fluorescent protein from pCF1-Luc and pEGFP1 plasmids indicated
that dendrimer/DNA complexes can mediate transfection after
dissociation from the solid support and/or when retained
on the surface of the membranes. Modification of the membranes by
incorporation of an anionic lipid, phosphatidyl glycerol (PG) at 1-5%
concns., resulted in more efficient in situ transfection, particularly
with dendrimer/DNA complexes formed at the low charge ratios
(1-5). We also report data supporting the feasibility of membrane-based
dendrimer/DNA complexes, particularly formed at lower than
neutralizing conditions, for topical in vivo delivery of DNA to
hairless mouse skin.

AN 2000:202322 HCAPLUS <<LOGINID::20070613>>

DN 133:63726

TI Application of membrane-based dendrimer/DNA complexes for solid
phase transfection in vitro and in vivo

AU Bielinska, Anna U.; Yen, Ann; Wu, Huai Liang; Zahos, Kathleen M.; Sun,
Rong; Weiner, Norman D.; Baker, James R., Jr.; Roessler, Blake J.

CS Department of Internal Medicine, University of Michigan Health System, Ann
Arbor, MI, 48109, USA

SO Biomaterials (2000), 21(9), 877-887

CODEN: BIMADU; ISSN: 0142-9612

PB Elsevier Science Ltd.

DT Journal

LA English

RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Multistep isolation processes of DNA from biological samples for
further characterization

AB The invention concerns a multistep isolation process of DNA from
biol. samples for further characterization and/or amplification. Samples
are contacted with a solid surface for DNA/RNA
adsorption; the adsorbed DNA/RNA is washed and eluted
with an alkaline buffer containing chelating agent. The solid
support can be heated to 60°C. The solid
support is a tube, a multiple-well plate etc., made of glass
fiber, polyester, cellulose acetate, etc. Enzymic digestion can
be carried out in conjunction with the purification Biol. materials include

eukaryotic, prokaryotic cells, microorganism, body fluids, environmental samples etc.

AN 1999:495423 HCAPLUS <<LOGINID::20070613>>

DN 131:126383

TI Multistep isolation processes of DNA from biological samples for further characterization

IN Heath, Ellen M.; Shuman, Ruth M.

PA Gentra Systems, Inc., USA

SO PCT Int. Appl., 71 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9939009	A1	19990805	WO 1999-US2189	19990202 <--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2319665	A1	19990805	CA 1999-2319665	19990202 <--
	AU 9926548	A	19990816	AU 1999-26548	19990202 <--
	EP 1053357	A1	20001122	EP 1999-906702	19990202 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2003529314	T	20031007	JP 2000-529466	19990202 <--
	AU 2003204434	A1	20030626	AU 2003-204434	20030529 <--
	AU 2007200486	A1	20070222	AU 2007-200486	20070205 <--
PRAI	US 1998-17143	A	19980202	<--	
	US 1998-17144	A	19980202	<--	
	AU 1999-26548	A3	19990202	<--	
	WO 1999-US2189	W	19990202	<--	
	AU 2003-204434	A3	20030529		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 15:43:41 ON 13 JUN 2007)

FILE 'HCAPLUS' ENTERED AT 15:46:51 ON 13 JUN 2007

L1 3316 S (RNA OR (RIBONUCLEIC(W)ACID)) (3A) (PURIFICATION OR ISOLATION)
L2 190397 S (SODIUM OR POTASSIUM OR LITHIUM) (W)CHLORIDE
L3 173 S COSMOTROP? OR KOSMOTROP?
L4 138599 S DETERGENT OR TWEEN OR TRITON OR TERGITOL OR NONIODET
L5 594 S (SOLID(W)SUPPORT) AND (POLYESTER OR CELLULOSE OR NITROCELLULO

FILE 'HCAPLUS' ENTERED AT 15:48:03 ON 13 JUN 2007

L6 94 S L1 AND (L2 OR L3)
L7 0 S L6 AND L5
L8 0 S L7 AND L4
L9 0 S L8 AND (PY<2002 OR AY<2002 OR PRY<2002)

FILE 'HCAPLUS' ENTERED AT 15:48:52 ON 13 JUN 2007

L10 3 S L6 AND (SOLID(W)SUPPORT)
L11 1 S L10 AND L4
L12 1 S L11 AND (PY<2002 OR AY<2002 OR PRY<2002)

FILE 'STNGUIDE' ENTERED AT 15:49:08 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 15:49:18 ON 13 JUN 2007

FILE 'STNGUIDE' ENTERED AT 15:49:18 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 17:06:09 ON 13 JUN 2007

L13 269518 S POLYESTER
L14 8822 S SOLID(W) SUPPORT
L15 43 S L13 AND L14
L16 34 S L15 AND (PY<2002 OR AY<2002 OR PRY<2002)

FILE 'STNGUIDE' ENTERED AT 17:06:15 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 17:06:53 ON 13 JUN 2007

FILE 'STNGUIDE' ENTERED AT 17:08:28 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 17:08:30 ON 13 JUN 2007

FILE 'STNGUIDE' ENTERED AT 17:08:40 ON 13 JUN 2007

L17 FILE 'HCAPLUS' ENTERED AT 17:08:49 ON 13 JUN 2007
5 S L16 AND (NUCLEIC OR RNA OR DNA)

FILE 'STNGUIDE' ENTERED AT 17:08:51 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 17:09:10 ON 13 JUN 2007

FILE 'STNGUIDE' ENTERED AT 17:09:11 ON 13 JUN 2007

FILE 'HCAPLUS' ENTERED AT 17:09:34 ON 13 JUN 2007

FILE 'STNGUIDE' ENTERED AT 17:09:34 ON 13 JUN 2007

=> log hold		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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FULL ESTIMATED COST	0.06	59.79
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-6.24

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 17:09:39 ON 13 JUN 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAEXO1623

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'STNGUIDE' AT 17:56:06 ON 13 JUN 2007
FILE 'STNGUIDE' ENTERED AT 17:56:06 ON 13 JUN 2007
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.06	59.79

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-6.24

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.12	59.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-6.24

FILE 'HCAPLUS' ENTERED AT 17:57:27 ON 13 JUN 2007
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FILE COVERS 1907 - 13 Jun 2007 VOL 146 ISS 25
 FILE LAST UPDATED: 12 Jun 2007 (20070612/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s (lithium(w)chloride) and (RNA(3a)(puriicat? or isolat?)) and (solid(w)support)

```

      325273 LITHIUM
      1146321 CHLORIDE
      22178 LITHIUM(W)CHLORIDE
      329136 RNA
      0 PURIICAT?
      1134181 ISOLAT?
      12960 RNA(3A)(PURIICAT? OR ISOLAT?)
      1080180 SOLID
      487501 SUPPORT
      8822 SOLID(W)SUPPORT
L18      4 (LITHIUM(W)CHLORIDE) AND (RNA(3A)(PURIICAT? OR ISOLAT?)) AND
          (SOLID(W)SUPPORT)

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=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	2.60	62.45

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-6.24

FILE 'STNGUIDE' ENTERED AT 17:57:29 ON 13 JUN 2007

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jun 8, 2007 (20070608/UP).

=> d l18 1-3 ti abs bib

YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L18 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Locked nucleic acid capture probes for isolation of homopolymeric nucleotide sequences and use in diagnosis of viral infections in humans

AB This invention presents methods and use of locked nucleic acid capture probes for isolation of homopolymeric nucleotide sequences and use in diagnosis of viral infections in humans. A method for isolating nucleic acid mols. having a repeating nucleotide sequence or a homopolymeric nucleotide sequence, e.g. a poly A stretch, is described. In particular, the method uses oligomeric capture probes spiked with various amts. of locked nucleic acid (LNA). The invention further describes methods for the isolation of RNA mols., for example polyadenylated mRNA mols., which overcome the problems of rapid RNA degradation during isolation and anal. of such nucleic acid mols. This is of major clin. and diagnostic importance, especially when dealing with RNA viruses, such as retroviruses or when analyzing rare or low-abundant mRNAs or mRNAs from biopsies or tissues enriched with RNases.

2004:203927 HCAPLUS <<LOGINID::20070613>>

DN 140:265567

TI Locked nucleic acid capture probes for isolation of homopolymeric nucleotide sequences and use in diagnosis of viral infections in humans

IN Kauppinen, Sakari; Jacobsen, Nana

PA Exiqon A/S, Den.

SO PCT Int. Appl., 104 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004020575	A2	20040311	WO 2003-IB6354	20030620
	WO 2004020575	A3	20041223		
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2003288474	A1	20040319	AU 2003-288474	20030620
	US 2005053942	A1	20050310	US 2003-601140	20030620
	EP 1527175	A2	20050504	EP 2003-780549	20030620
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRAI	US 2002-390928P	P	20020624		
	WO 2003-IB6354	W	20030620		

L18 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Methods, reagents and kits for isolating RNA from environmental or biological samples

AB Reagents, methods and kits for the purification of RNA from biol. or

environmental samples are provided. The method comprises mixing said material with an RNA binding solution buffered at a pH of greater than 7 wherein the RNA binding solution comprises an RNA complexing salt from strong chaotropic agents. RNA is bound to non-silica solid support selected from cellulose, cellulose acetate, nitrocellulose, nylon, polyester, polyethersulfone, polyolefin, or polyvinylidene fluoride. The non-silica solid support is contained in a vessel such as centrifuge tubes, spin tubes, syringes, cartridges, chambers, multiple well plates and test tubes.

AN 2003:300642 HCAPLUS <<LOGINID::20070613>>

DN 138:317132

TI Methods, reagents and kits for isolating RNA from environmental or biological samples

IN Heath, Ellen M.; Wages, John M.

PA USA

SO U.S. Pat. Appl. Publ., 14 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003073830	A1	20030417	US 2001-974798	20011012
	CA 2463317	A1	20030424	CA 2001-2463317	20011012
	WO 2003033739	A1	20030424	WO 2001-US32073	20011012
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
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L18 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Methods and kits for isolating nucleic acids from leukocytes by binding to antibodies on a solid support

AB The present invention relates to a method of isolating nucleic acid from a blood sample. The method involves selectively isolating leukocytes from said sample by binding said leukocytes to a solid support containing a binding partner specific for the leukocyte, for example an antibody. The antibody can bind an antigen selected from one of more of the following: HLA-I, CD11a, CD18, CD45, CD46, CD50, CD82, CD162, CD5 and CD15 and a specific example shows a combination of CD45 and CD15. The said leukocytes are lysed in detergents to release nucleic acids which are subsequently bound to a second solid support which is neg. charged. Kits for isolating nucleic acid from samples form further embodiments of the invention.

AN 2001:904506 HCAPLUS <<LOGINID::20070613>>

DN 136:15912

TI Methods and kits for isolating nucleic acids from leukocytes by binding to
 antibodies on a solid support
 IN Bergholtz, Stine; Korsnes, Lars; Andreassen, Jack
 PA Dynal Biotech Asa, Norway; Jones, Elizabeth Louise
 SO PCT Int. Appl., 51 pp.
 CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
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